

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Serial No. : 10/090,282  
Applicant : Kazuo OGASA  
Filed : March 4, 2002  
Inventor : HARD PRECIOUS METAL ALLOY  
MEMBER AND METHOD OF  
MANUFACTURING SAME

Art Unit : 1742  
Examiner : John P. Sheehan  
Docket No. : 02127C/HG  
Confirm. No.: 6582  
Customer No.: 01933

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ATTENTION: MAIL STOP AMENDMENT**

S I R :

Submitted herewith are the following:

- (1) Forms PTO/SB/08A and PTO/SB/08B;
- (2) Copies of the publications listed on the aforesaid Forms PTO/SB/08A and PTO/SB/08B; and
- (3) Check for \$180 pursuant to 37 CRR 1.97 (c).

Applicants have provided the following statement of relevance for the non-English language publications submitted concomitantly herewith.

Jpn. Pat. Publication No. 63-57753 published on March 12, 1988

JP 63-57753 discloses a Pt alloy containing Gd in a range of 0.05 - 5 wt%, but does not disclose subjecting the alloy to a

**CERTIFICATE OF MAILING**

I hereby certify this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to:  
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on the date noted below.

Attorney: Richard S. Barth

Dated: June 28, 2004

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please, consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.



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process including a solution heat treatment and an aging treatment.

SE-A-8002785 published on October 15, 1981

SE 8002785 discloses a method for treating gold alloys in which a solution heat treatment is followed by first hardening at 100-400°C and then by rapid cooling. However, SE 8002785 does not disclose that Gd is added to gold alloys.

"Nonferrous Material", Vol. 5, pp. 56-57, published on September 18, 1987 by The Japan Institute of Metals

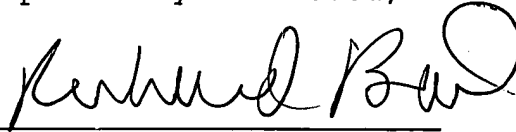
This publication discloses that a Cu-Be-alloy or a Cu-Ti alloy is subjected to a solution heat treatment and then is subjected to a mechanico thermal treatment which is an aging treatment after being worked. However, this publication does not disclose that a gold alloy is subjected to these treatments.

Jpn. Pat. Publication No. 51-55724 published on May 17, 1976

JP 51-55724 discloses that a gold alloy containing Co and another element is subjected to a solution heat treatment and then is subjected to an aging treatment. However, JP 51-55724 does not disclose a gold alloy which contains Gd.

It is respectfully requested that the attached publications  
be considered and made "of record."

Respectfully submitted,



RICHARD S. BARTH  
REG. NO. 28,180

FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.  
767 THIRD AVENUE - 25TH FLOOR  
NEW YORK, NEW YORK 10017-2023  
Tel. Nos. (212) 319-4900  
(212) 319-4551/Ext. 219  
Fax No. (212) 319-5101  
E-Mail Address: BARTH@FHGC-LAW.COM  
RSB/ddf

Encs.: (1) Forms PTO/SB/08A and PTO/SB/08B and copies of the  
publications identified therein

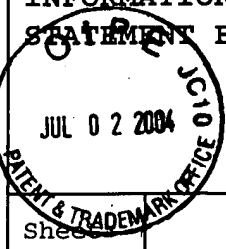
(2) Check for \$180

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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  	Application Number		10/090,282
	Filed		March 4, 2002
	First Named Inventor		Kazuo OGASA
	Group Art Unit		1742
	Examiner Name		John P. Sheehan
Sheet 1 of 2	Attorney Docket Number		02127C/HG

### U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

### FOREIGN PATENT DOCUMENTS

Exam Inits*	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
		GB	2 116 208	A	MITSUBISHI KINZOKU	09-21-1983		
		JP	63-57753	A	CITIZEN WATCH	03-12-1988		*
		SE	8002785	A	DENTAL-KONSULT FREWIK	10-15-1981		
		JP	51-55724	A	TOKURIKI SHOTEN GOSHI	05-17-1976		

Examiner Signature	Date Considered
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\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.


DATE MAILED: JUNE 28, 2004

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PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  				Application Number	10/090,282
				Filing Date	March 4, 2002
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				Examiner Name	John P. Sheehan
2	of	2	Attorney Docket Number	02127C/HG	
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		"Nonferrous Material", Vol. 5, pp. 56-57, September 18, 1987, The Japan Institute of Metals.			
Examiner Signature				Date Considered	

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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